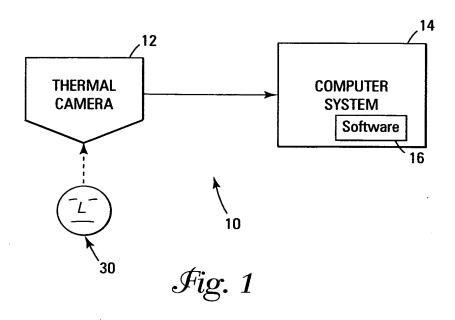
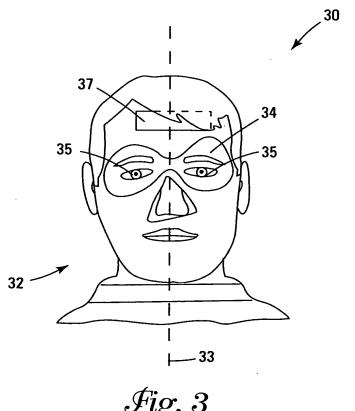
REPLACEMENT SHEET

Title: System and Method Using Thermal Image Analysis and Slope Threshold Classification for Polygraph Testing Applicant(s): PAVLIDIS et al.
Serial No.: 10/008,786 Filed: November 13 2001

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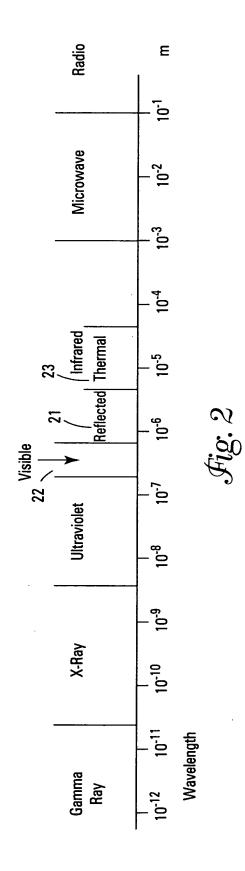


Title: System and Method Using Thermal Image Analysis and Slope Threshold Classification for Polygraph Testing Applicant(s): PAVLIDIS et al.

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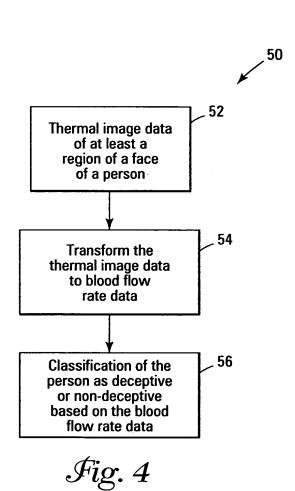
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REPLACEMENT SHEET

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Fig. 5A



Fig. 6A

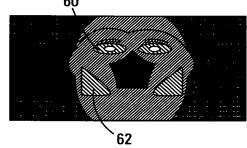
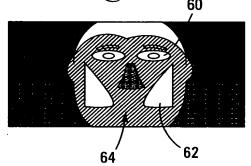


Fig. 5B



Fig. 6B

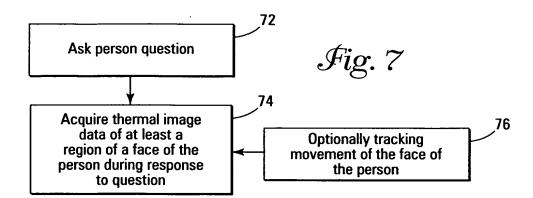


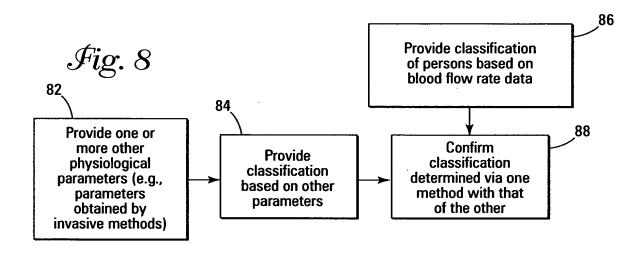
Title: System and Method Using Thermal Image Analysis and Slope Threshold Classification for Polygraph Testing Applicant(s): PAVLIDIS et al.

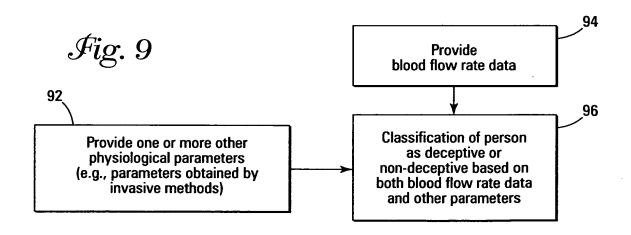
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Docket: H0002443-02 (115.00250101)

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102 Receiving thermal image data of at least a region of a person's face during a response to a question 104 Determine change of the blood flow rate over time (e.g., slope) 106 Classifying a person's response to the question as deceptive or non-deceptive based on the change of blood flow rate over time 110 Receiving thermal image Fig. 10 data of at least a region of a person's face during a response to a question 112 Determine change of the blood flow rate over time (e.g., slope) 114 Generating a slope threshold 116 Comparing the slope for a person's response to the question to the slope threshold to classify the response as deceptive or non-deceptive

Fig. 11A

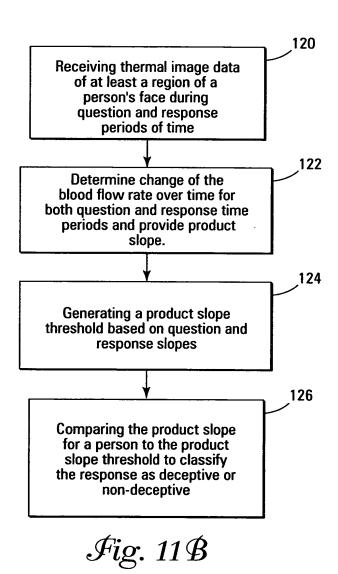
REPLACEMENT SHEET

Title: System and Method Using Thermal Image Analysis and Slope Threshold Classification for Polygraph Testing Applicant(s): PAVLIDIS et al.

Serial No.: 10/008,786 Filed: November 12 2001

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Title: System and Method Using Thermal Image Analysis and Slope Threshold Classification for Polygraph Testing Applicant(s): PAVLIDIS et al.

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